

FIG. 1

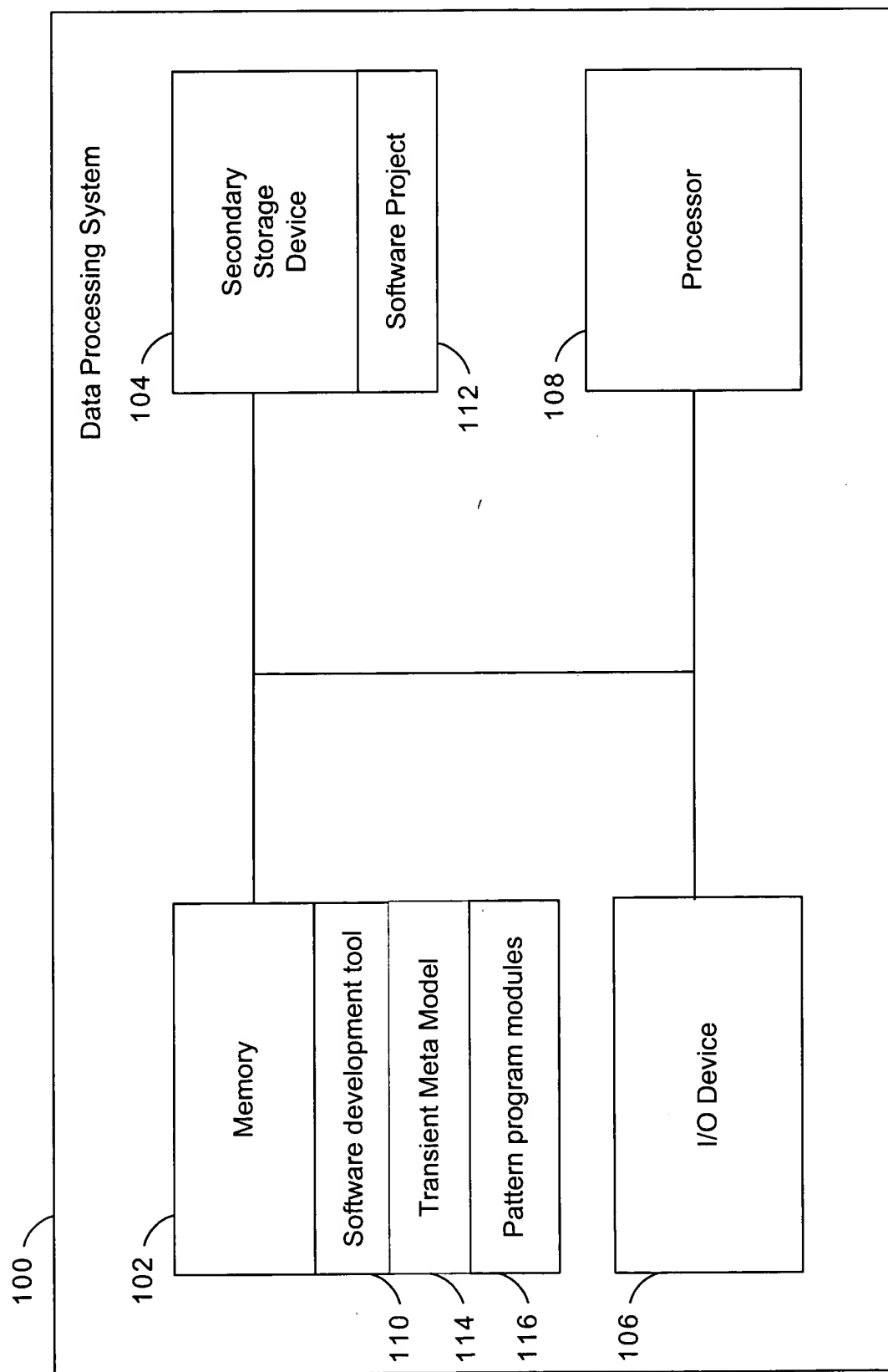
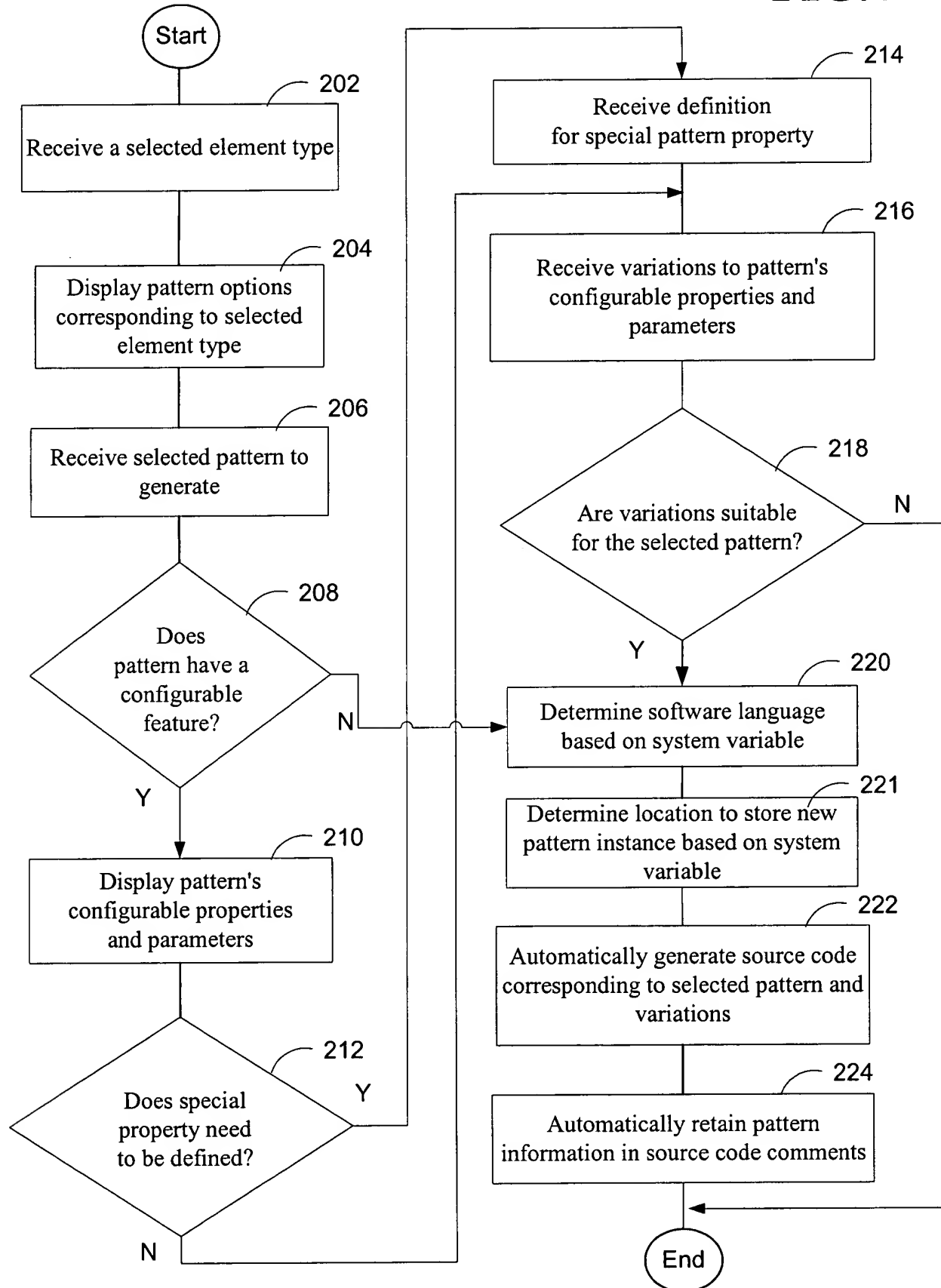


FIG. 2



[illegible]

FIG. 3

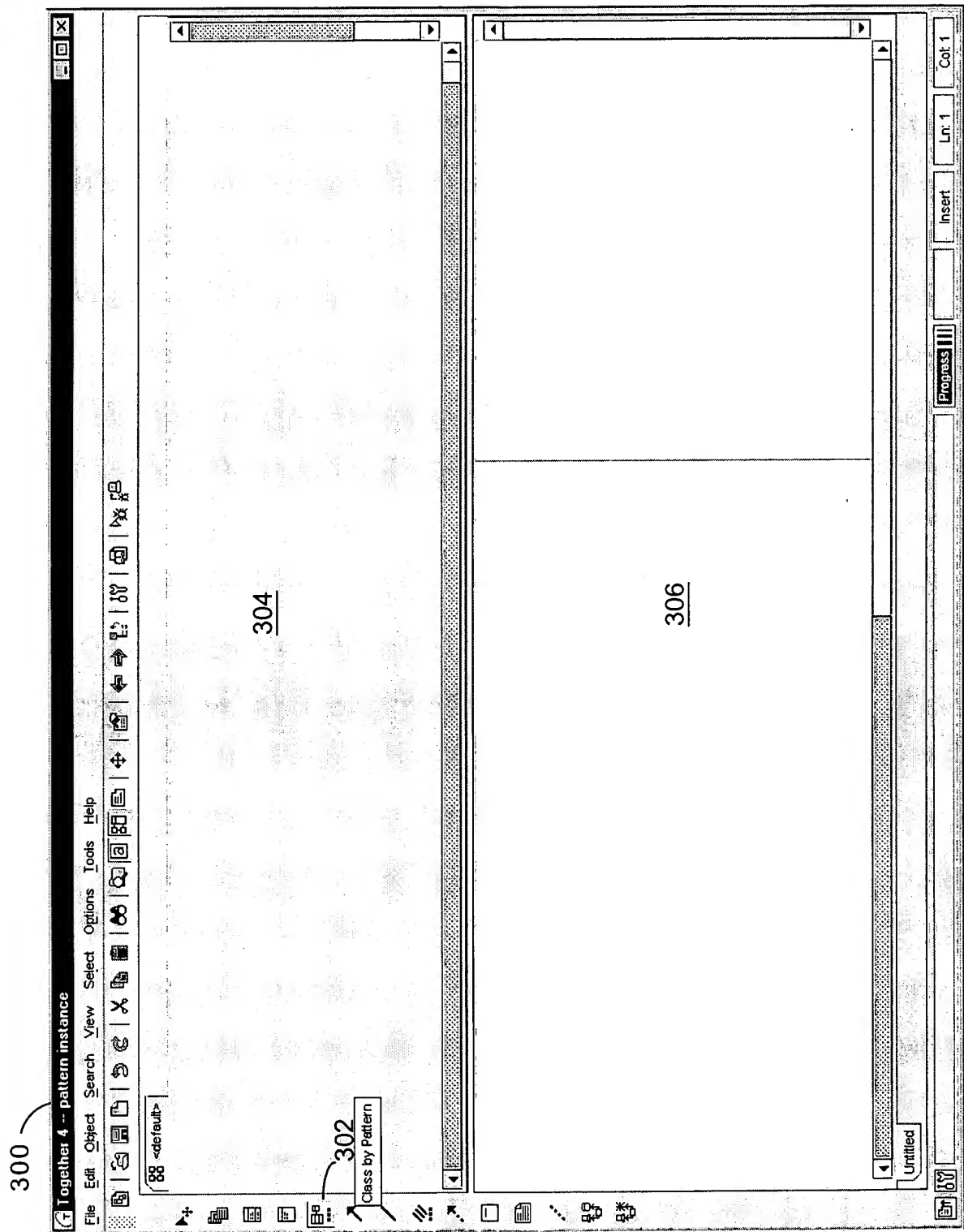


FIG. 5

500

Choose Pattern - Adapter - Pattern properties

Pattern

Patterns

Coard Components

HP E Speak

Coard Classes

GoF

Abstract Factory

Adapter

Chain of Responsibility

Composite

Decorator

Factory Method

Observer

Proxy

Singleton

State

Visitor

BEA WLE

Bean

JSP

Stub Implementation

Name

Value

Adaptee

Adaptee

Target

Target

Adapter

Adapter

Version

526

Object

Attribute

525

adaptee

Initialization variant

524

Constructor parameter

Copy documentation

522

☐

Create pattern links

☒

Description

Adapter pattern

Introduction

Convert the interface of a class into another interface client expect. Adapter lets classes work together that couldn't otherwise because of incompatible interfaces

Previous

Next >

Finish

Cancel

Help

FIG. 7

700

Choose Pattern - Abstract Factory - Concrete products for ConcreteFactory

Pattern

Patterns

Coed Components

HP E Speak

Coed Classes

Gof

Abstract Factory

Adapter

Chain of Responsibility

Composite

Decorator

Factory Method

Observer

Proxy

Singleton

State

Visitor

BEA WLE

Bean

JSP

Stub Implementation

Name

Value

Abstract factory

AbstractProduct

714

Concrete factory

ConcreteFactory

716

Copy documentation

☐

Create pattern links

☒

Description

Abstract Factory pattern

Introduction

Provides an interface for creating families of related or dependent objects without specifying their specific classes.

Participants

Product (AbstractProduct) for Factory (ConcreteFactory) is not defined.

< Previous

Next >

Cancel

Help

FIG. 8

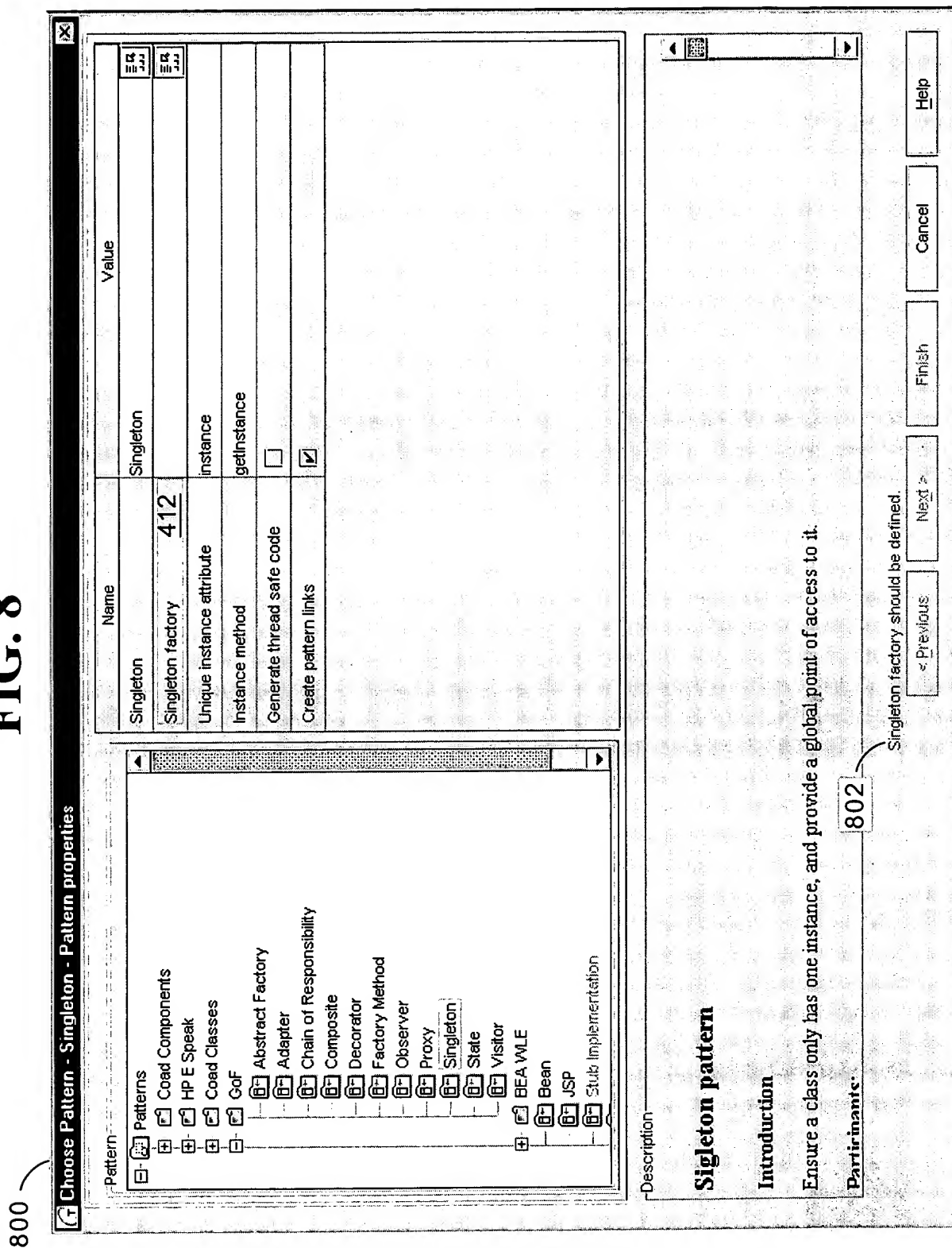


FIG. 10

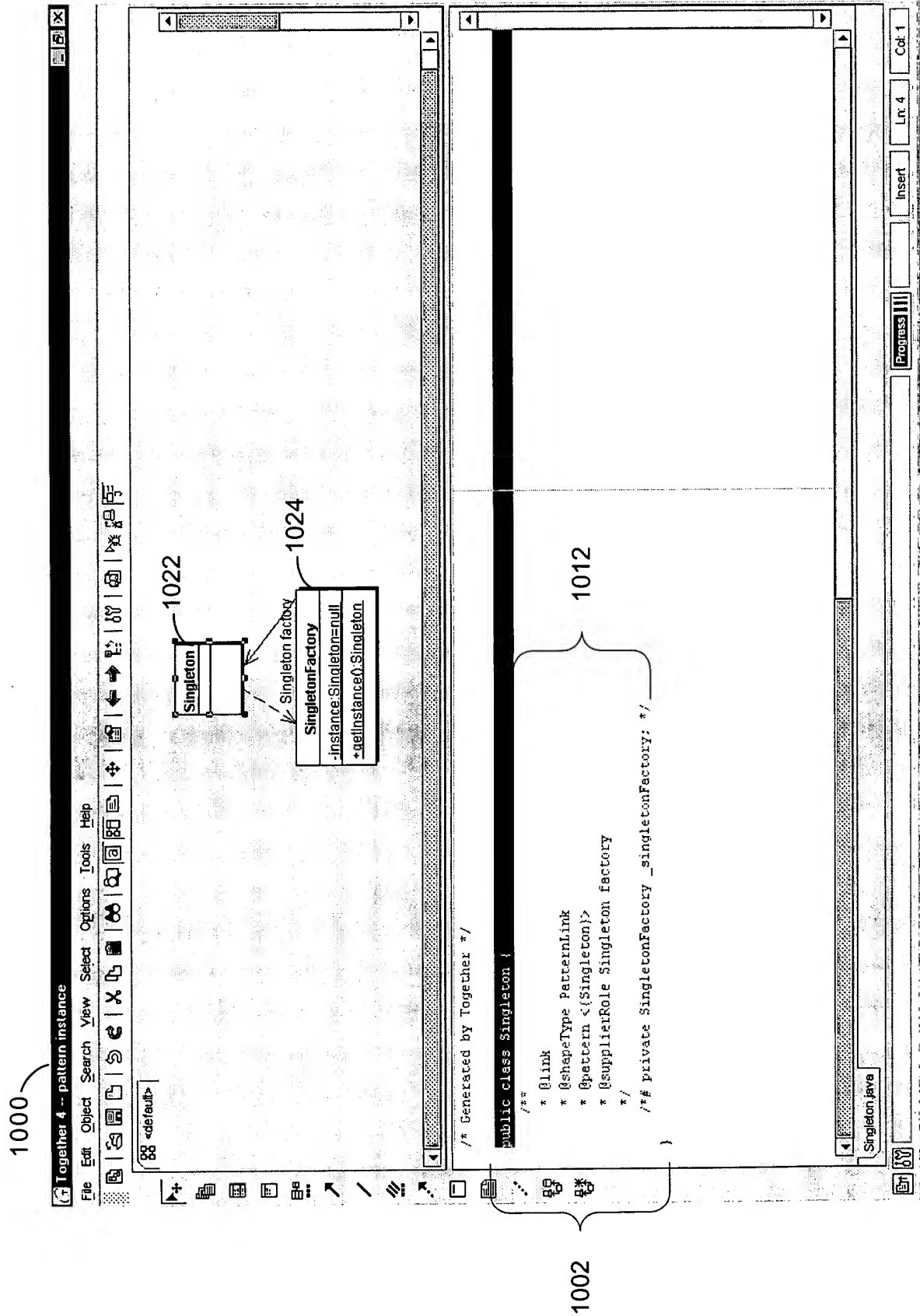
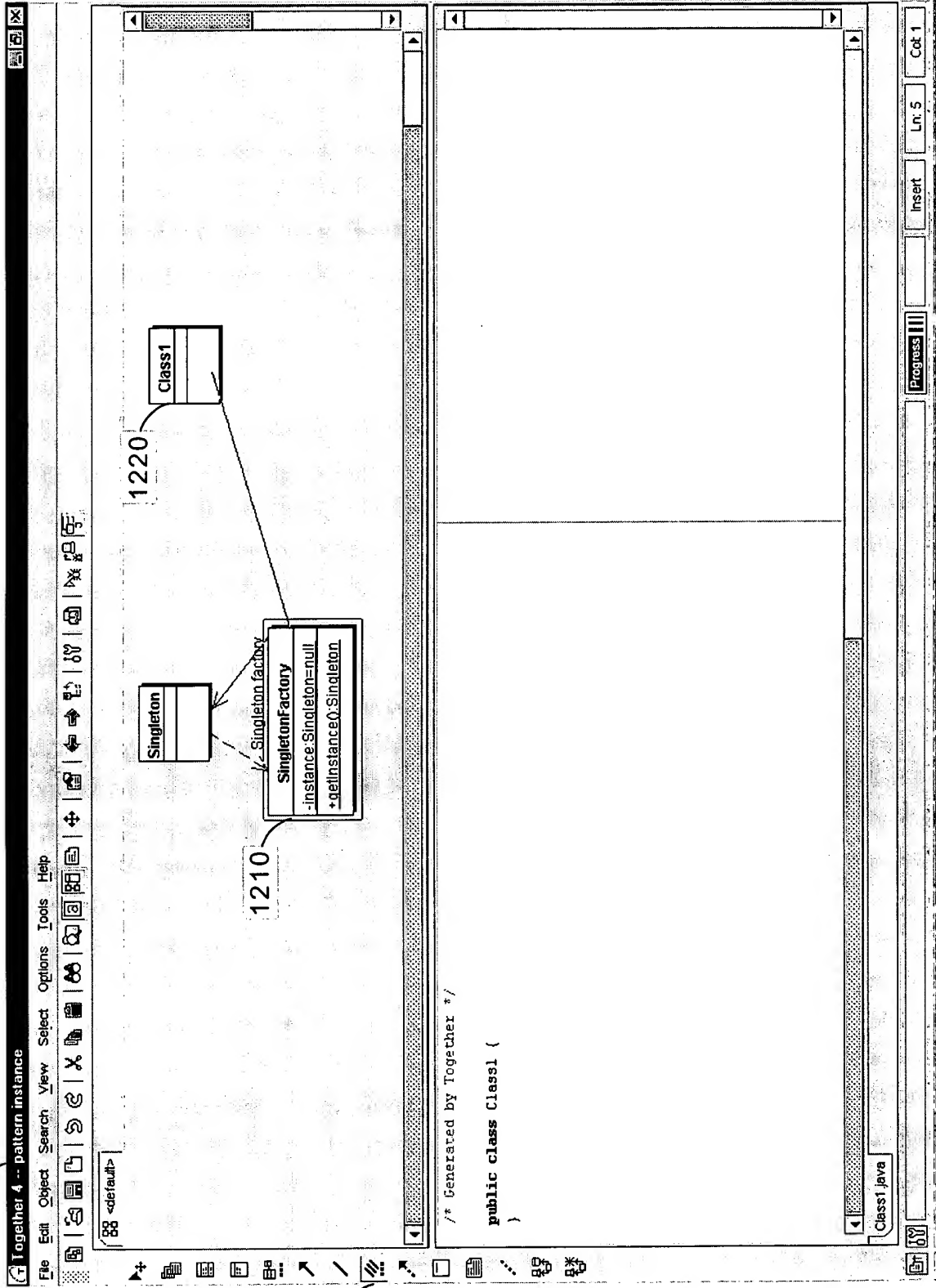


FIG. 12

1200



1202

FIG. 13

1300

FIG. 13

Choose Pattern - Association as Vector

Pattern

- ☒ Patterns
 - ☒ JGL 3.1 containers
 - ☒ com.sun.java.util.collections (JDK 1.1)
 - ☒ java.util collections (JDK 1.2)
 - ☒ Cljjectifier
 - ☒ Sub Implementation
 - ☒ Aggregation as Comment
 - ☒ Aggregation as Vector
 - ☒ Association as Comment
 - ☒ Association as Vector
 - ☒ Composition as Comment
 - ☒ Default Aggregation
 - ☒ Default Association
 - ☒ Default Composition
 - ☒ Default Dependency

Parameters

Name	Value
1311	InkSingletonFactory
1312	SingletonFactory

Preview

```
private java.util.Vector InkSingletonFactory;
```

Description

Association as Vector pattern

This pattern creates the association as vector.

Navigation buttons: Previous, Next, Finish, Cancel, Help

1302

FIG. 14

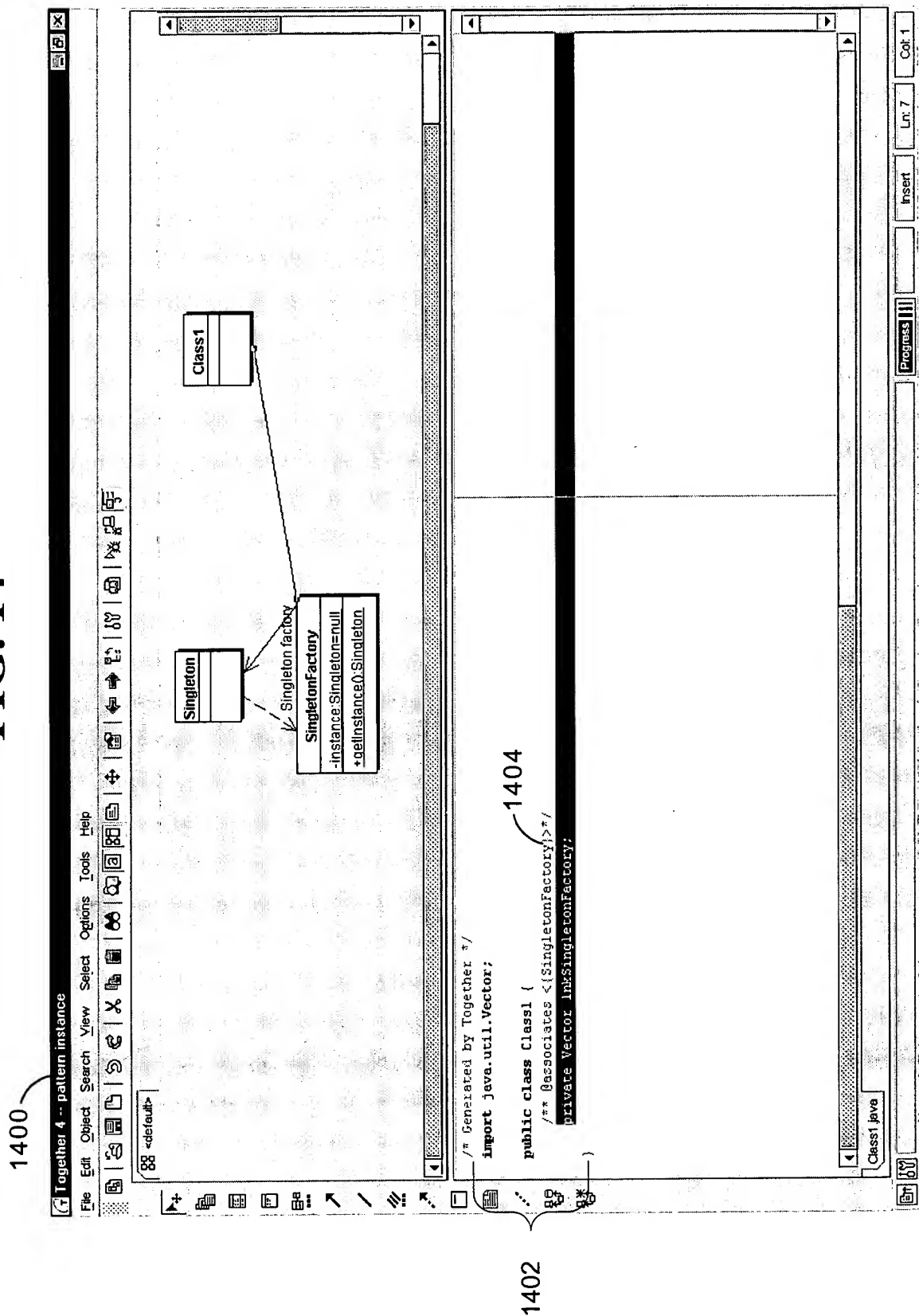


FIG. 15a

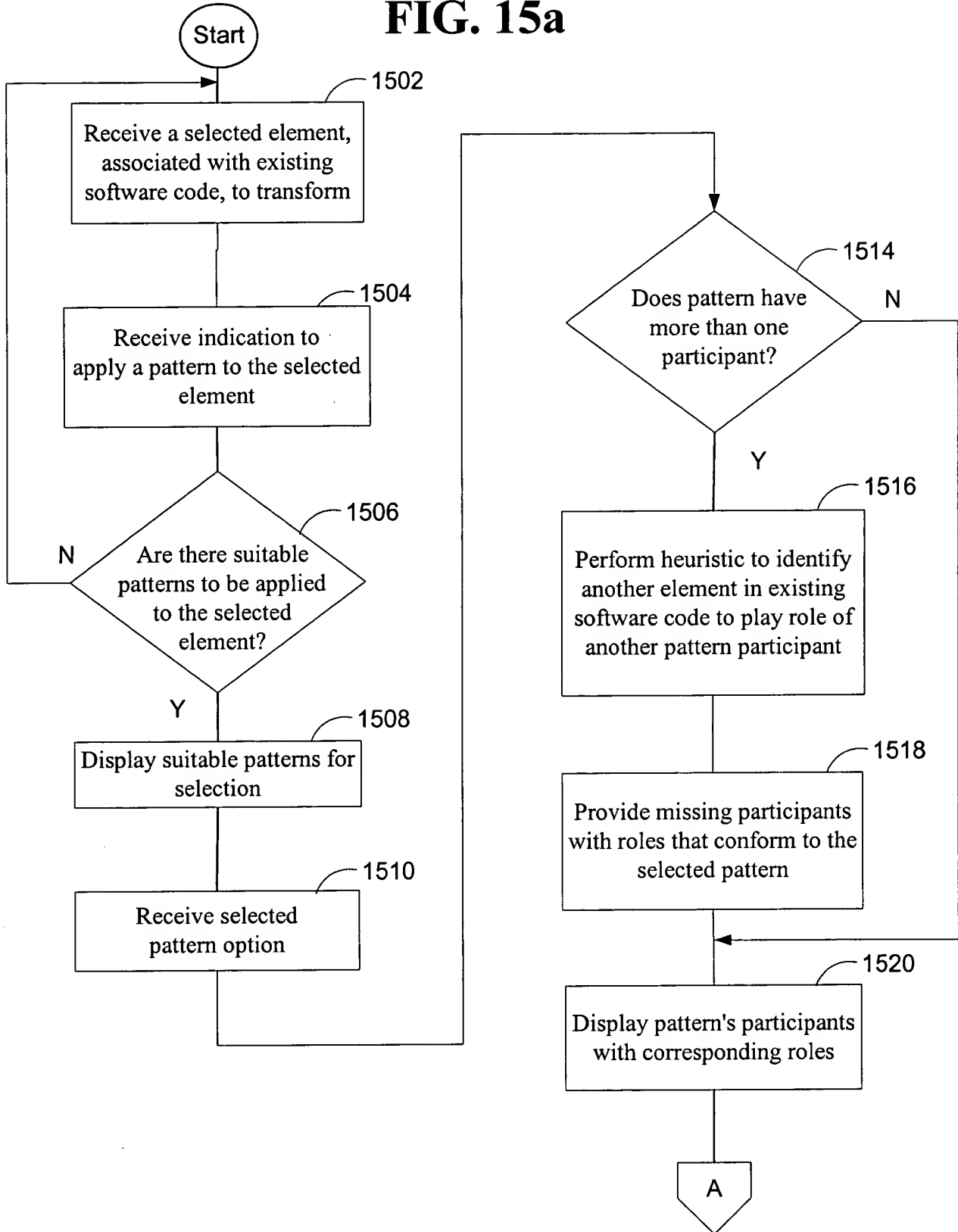
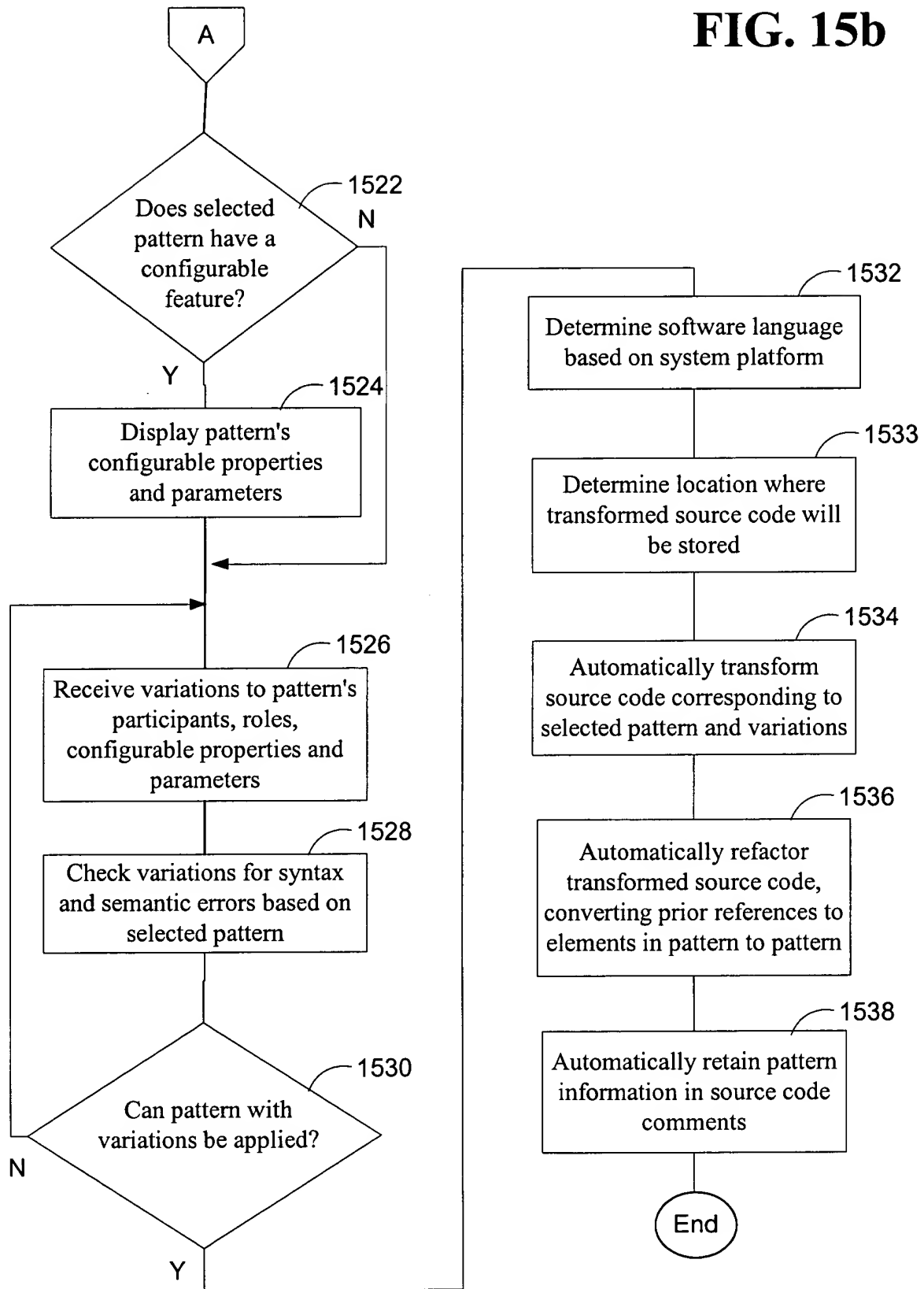


FIG. 15b



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FIG. 16

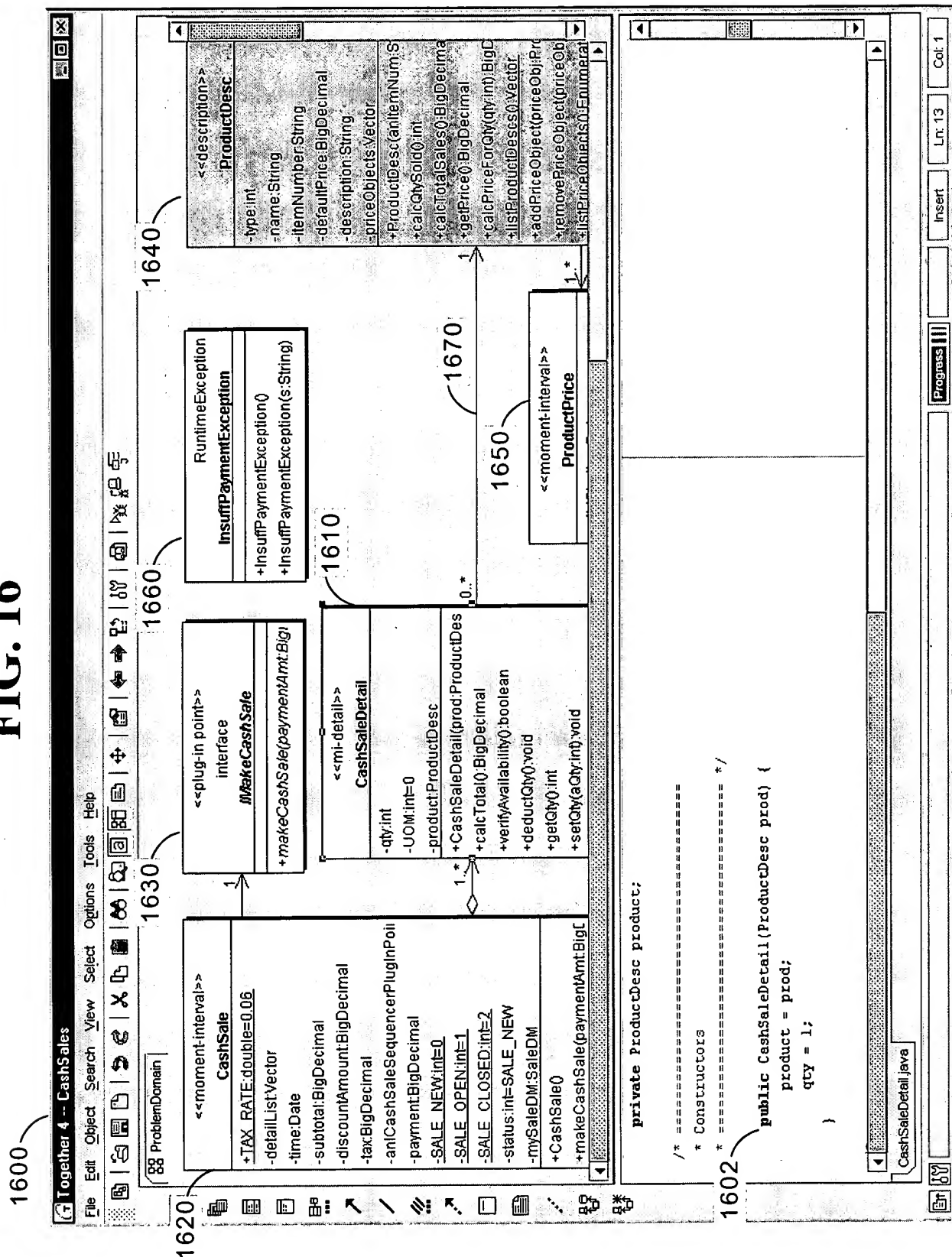


FIG. 17

1700

Choose Pattern - Singleton - Pattern properties

Pattern

- Patterns
- Coad Components
- HP E Speak
- Coad Classes
- Gof
- Abstract Factory
- Adapter
- Chain of Responsibility
- Composite
- Decorator
- Factory Method
- Observer
- Proxy
- Singleton
- State
- Visitor
- BEA WLE
- Bean
- JSP
- Stub Implementation

1704

1702

Name	Value
Use selected class as	Singleton
Singleton	1711 ProblemDomain.CashSaleDetail 1715
Singleton factory	1712 ProblemDomain.CashSaleDetail 1716
Unique instance attribute	instance
Instance method	getInstance
Generate thread safe code	<input type="checkbox"/>
Create pattern links	<input checked="" type="checkbox"/>

1710

1720

Description

Singleton pattern

Introduction

Ensure a class only has one instance, and provide a global point of access to it.

Participants:

Previous

Next >

Cancel

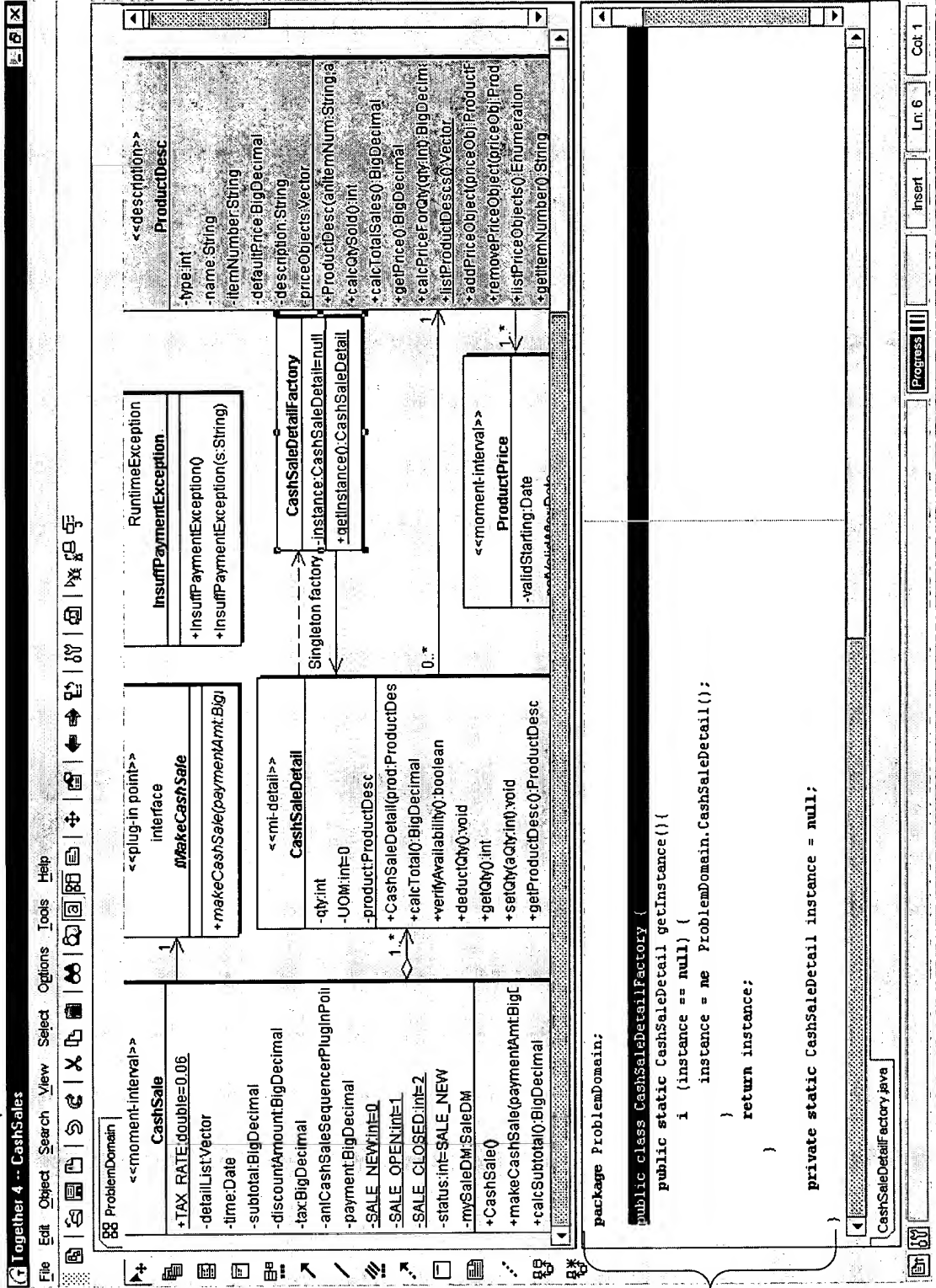
Finish

Help

1704

FIG. 22

2200



2202

FIG. 23

2300

Choose Pattern - Observer - Pattern properties

Pattern

Patterns

Coad Components

HP E Speak

Coad Classes

GoF

Abstract Factory

Adapter

Chain of Responsibility

Composite

Decorator

Factory Method

Observer

Proxy

Singleton

State

Visitor

BEA WLE

Bean

JSP

Stub Implementation

Name

Value

Use selected class as

Subject

Subject

ProblemDomain.CashSaleDetail

Observer

Observer

Concrete subjects

Concrete observers

Copy documentation

☐

Create pattern links

☒

Description

Observer pattern

Introduction

Define a one-to-many dependency between objects so that when one object changes state, all its dependents are notified and updated automatically

< Previous

Next >

Finish

Cancel

Help

2310

FIG. 24

2400

Choose Pattern - Aggregation as Comment

Pattern

Patterns

link

JGL 3.1 containers

com.sun.java.util.collections (JDK 1.1)

java.util collections (JDK 1.2)

Objectifier

Stub Implementation

Aggregation as Comment

Aggregation as Vector

Association as Comment

Association as Vector

Composition as Comment

Default Aggregation

Default Association

Default Composition

Default Dependency

member

Property

Stub Implementation

Parameters

Name	Value
Name	product
Link destination	ProblemDomain.ProductDesc

Preview

/ This is the item being scanned in/sold. This object holds all the pertinent details.*

** @link aggregation*

** @clientCardinality 0..**

** @supplierCardinality 1..**

*/*ProblemDomain.ProductDesc product;*/*

Description

Aggregation as Comment pattern

This pattern creates the aggregation as comment.

< Previous

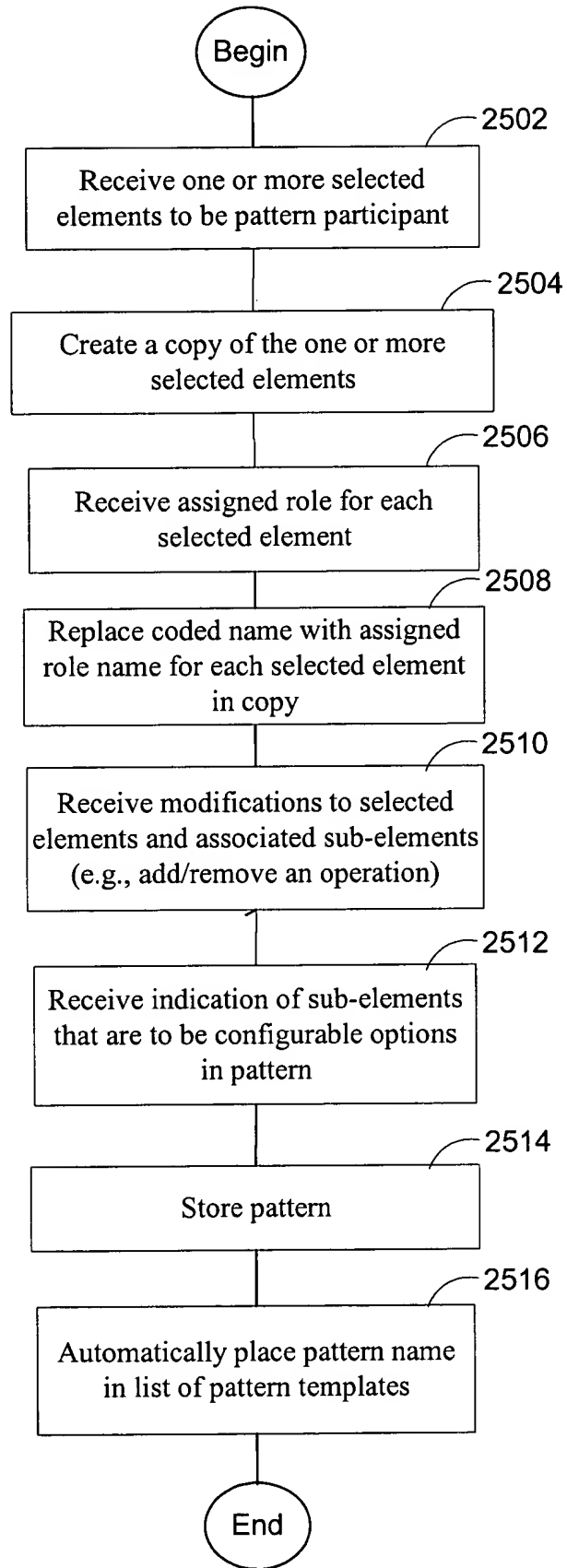
Next >

Cancel

Help

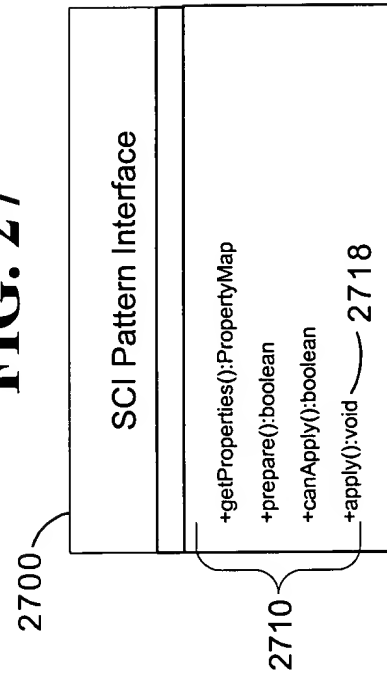
2404

FIG. 25



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FIG. 27



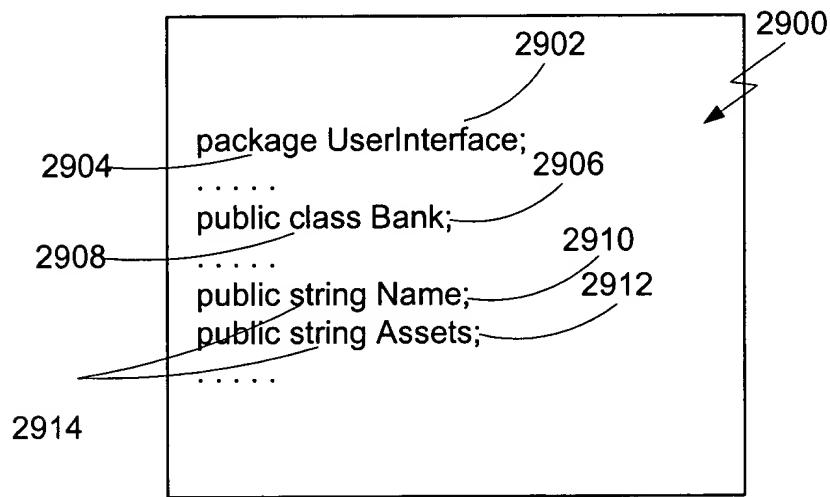
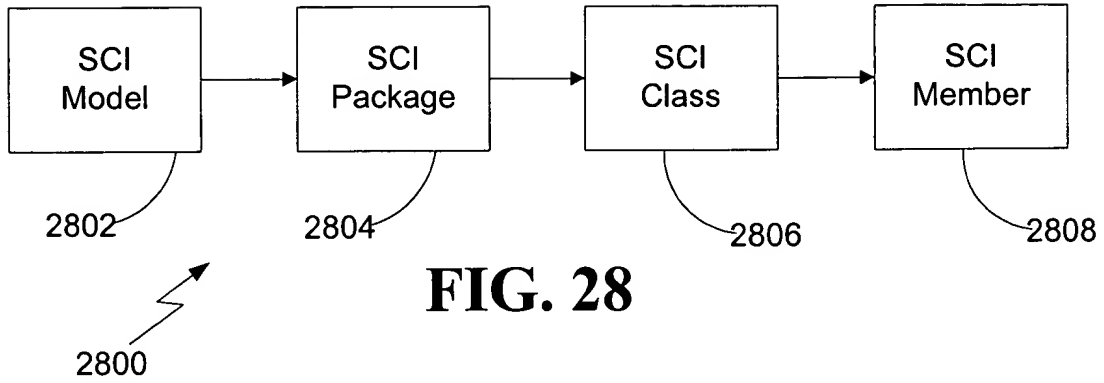


FIG. 29

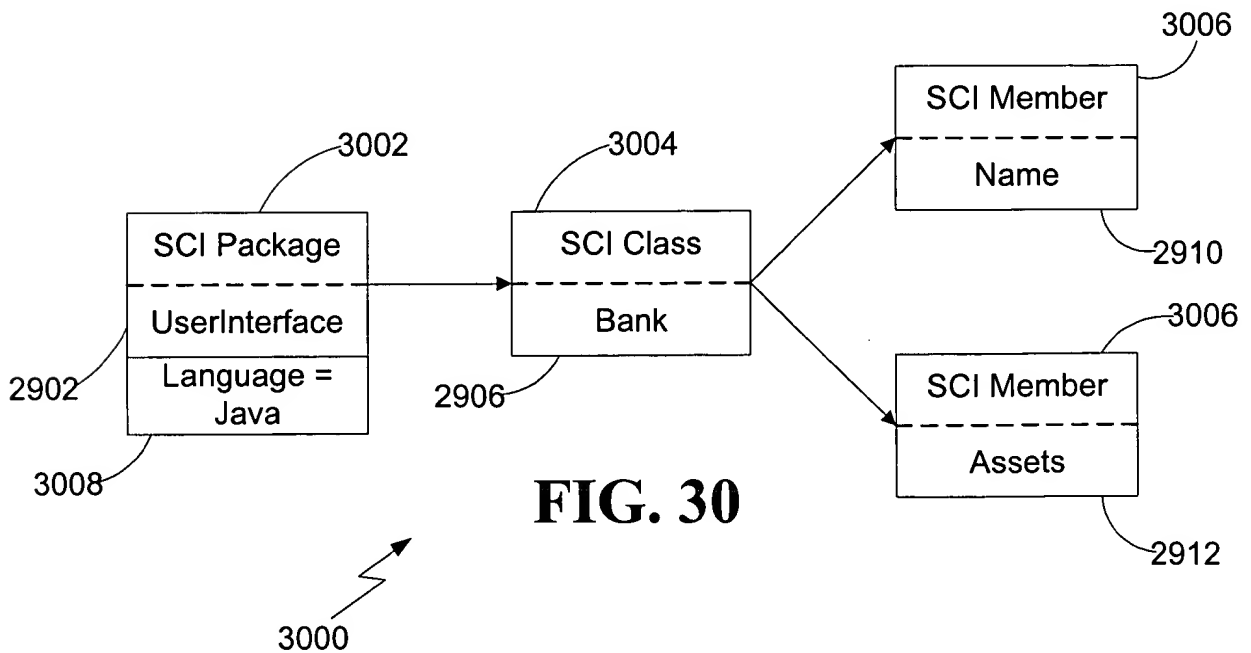


FIG. 30

FIG. 31

